

A low-cost versatile system for continuous real-time respiratory activity measurement as a tool in environmental research

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Supplementary Material S4. CO₂ dynamic curves of earthworms in AS experimental setup

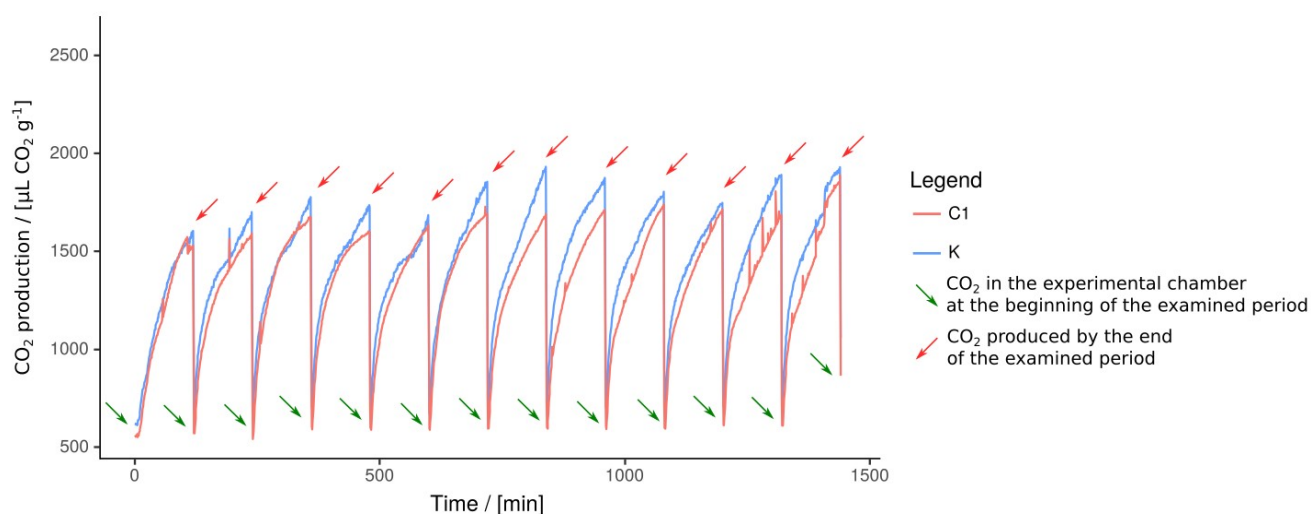


Figure 1: Example of respiratory activity curves of earthworms involved in an artificial soil test. Important features of CO₂ dynamics curves are noted with arrows. Red arrows denote pump activation at the end of each two-hour CO₂-generation segment.

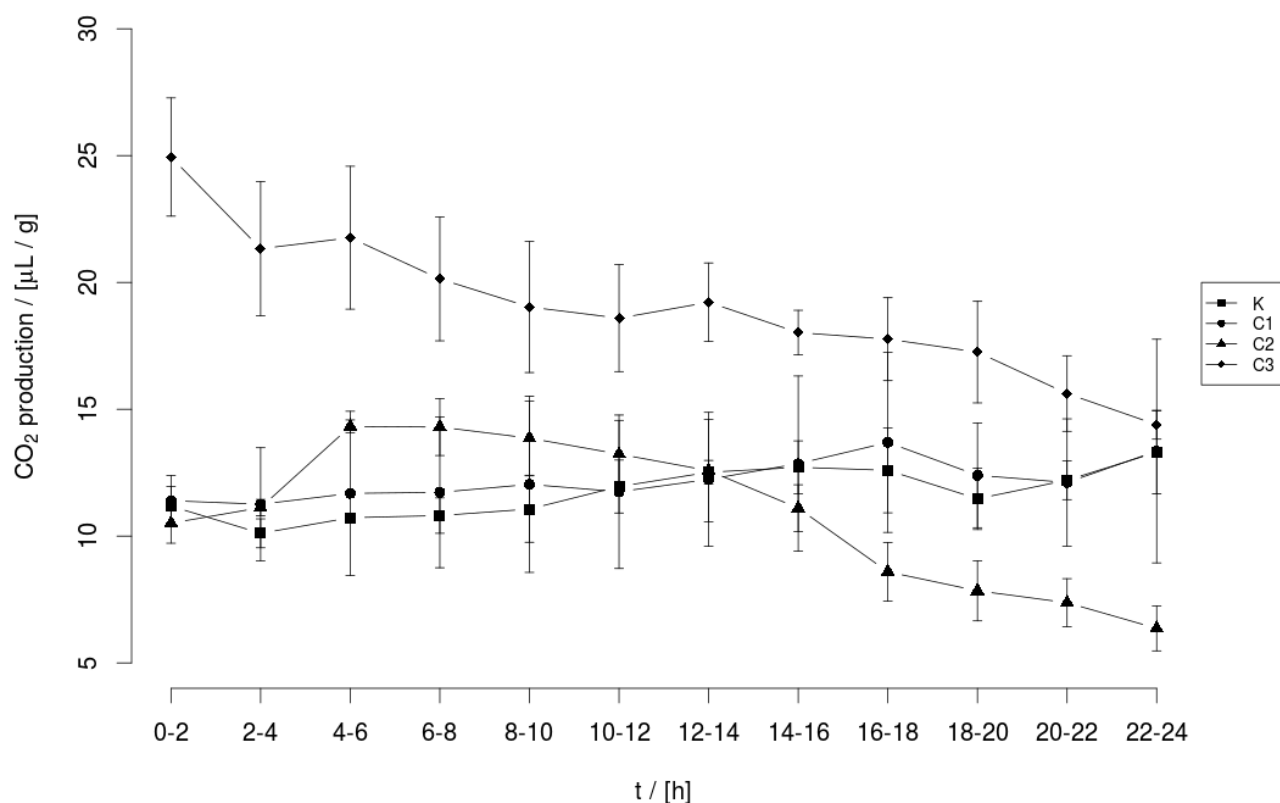


Figure 2: Respiratory activity of earthworms exposed to 0 (K), 0.5125 mg kg⁻¹ (C1), 2.56 mg kg⁻¹ (C2) and 7.68 mg kg⁻¹ (C3) of chlorpyrifos in artificial soil. Plotted are mean values \pm standard deviation of calculated respiratory activities of control and treatment groups.